MiniBooNE Report

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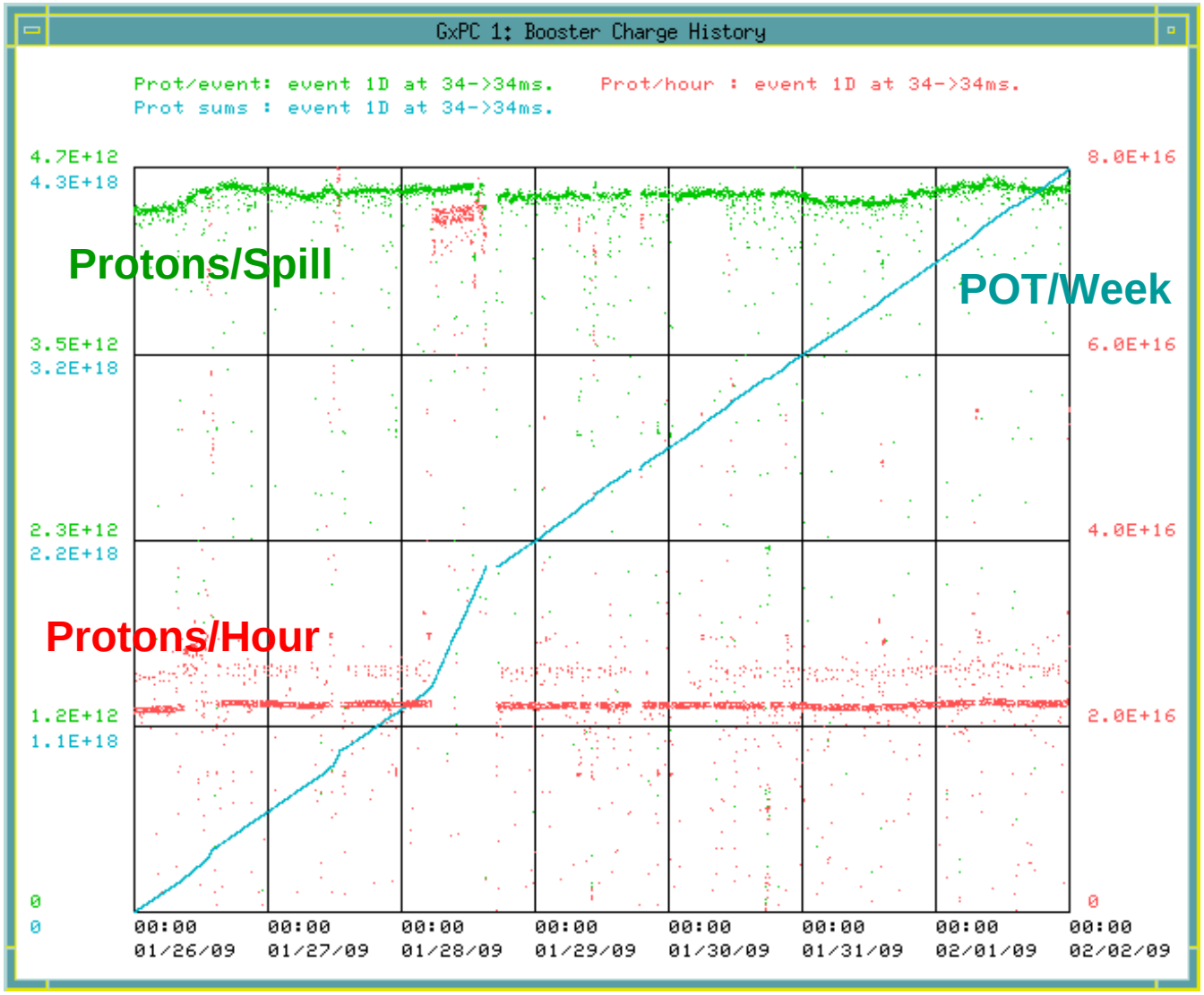
for the MiniBooNE collaboration

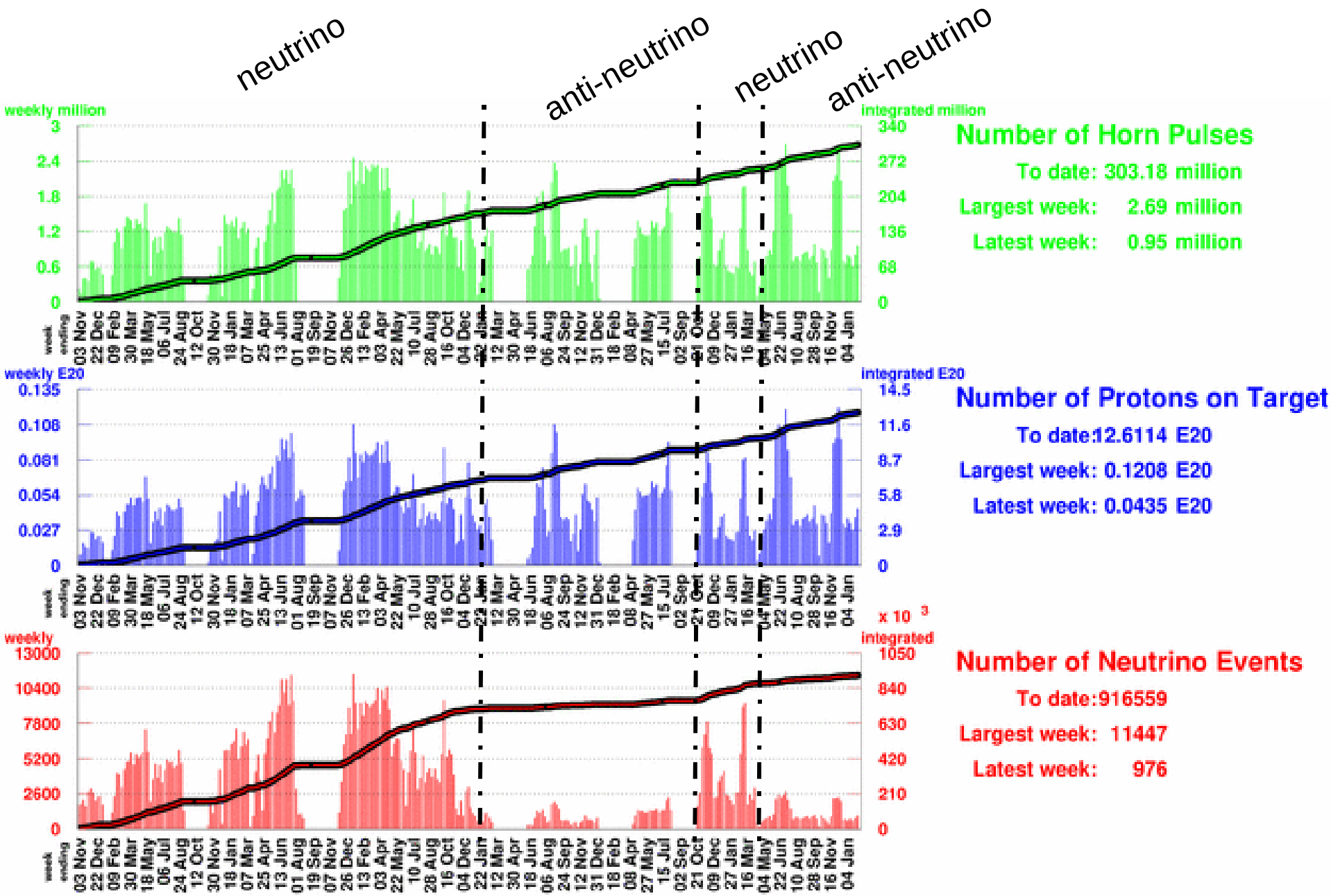
02 February 2009

Week Summary 26 Jan – 02 Feb

4.35E18 POT, 96% Uptime



26 Jan – 02 Feb



Number of Horn Pulses

To date: 303.18 million

Largest week: 2.69 million

Latest week: 0.95 million

Number of Protons on Target

To date:12.6114 E20

Largest week: 0.1208 E20

Latest week: 0.0435 E20

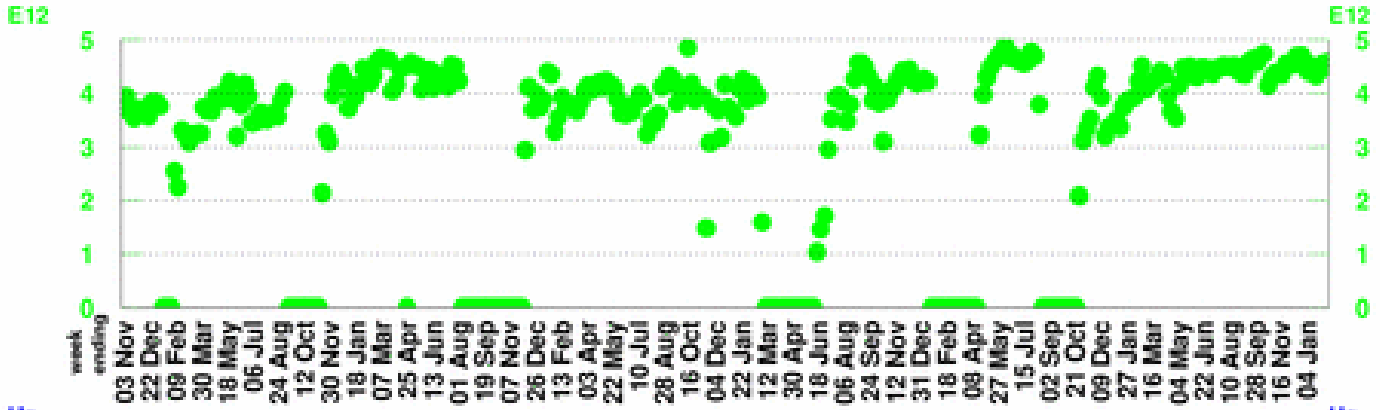
Number of Neutrino Events

To date:916559

Largest week: 11447

Latest week: 976

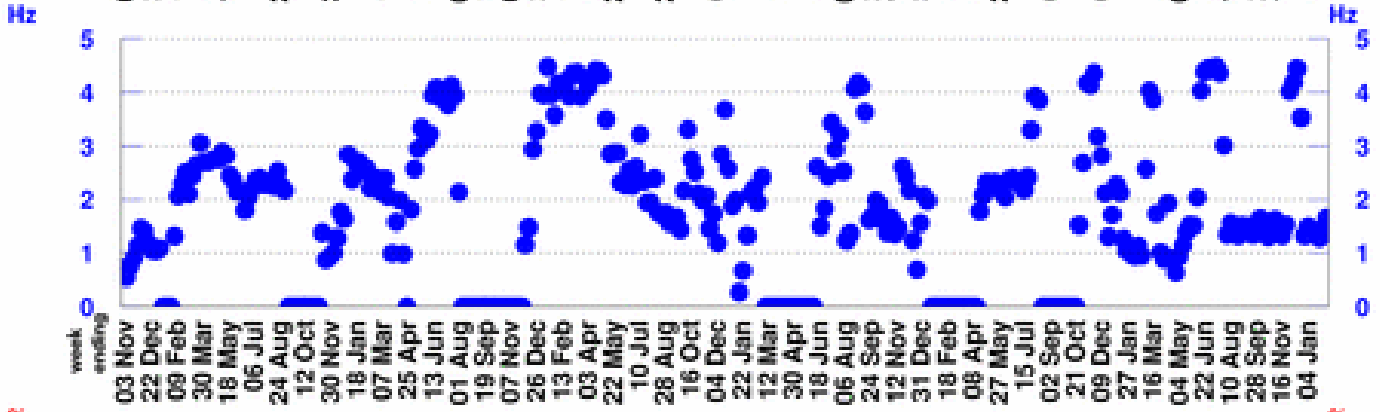
26 Jan – 02 Feb



POT per Horn Pulse

Largest week: 4.89 E12

Latest week: 4.57 E12

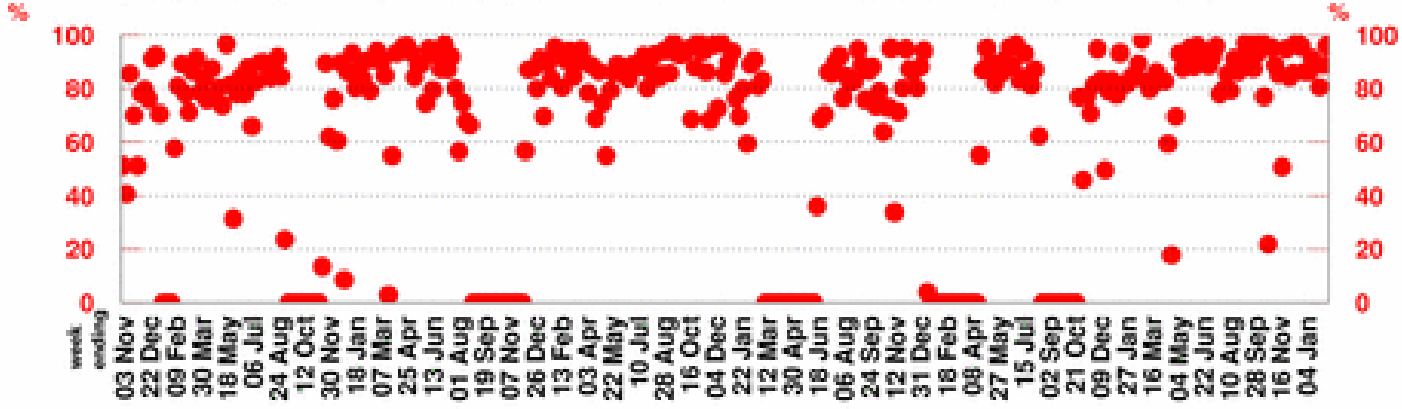


Horn Rate

(for time periods with beam)

Largest week: 4.48 Hz

Latest week: 1.65 Hz



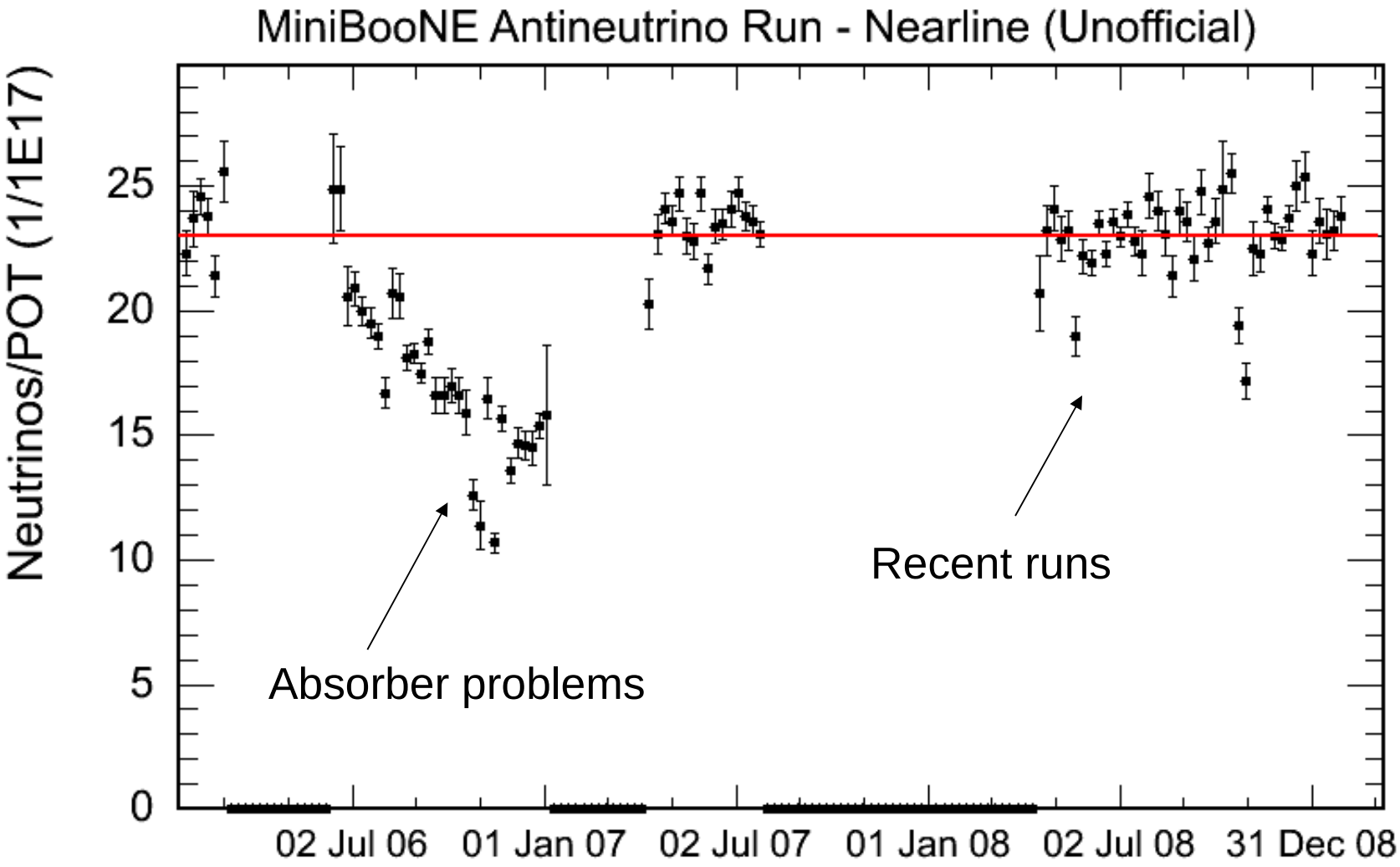
Beam Uptime Fraction

(fraction of time with beam)

Largest week: 98.1 %

Latest week: 96 %

AntiNeutrino/POT (Unofficial)



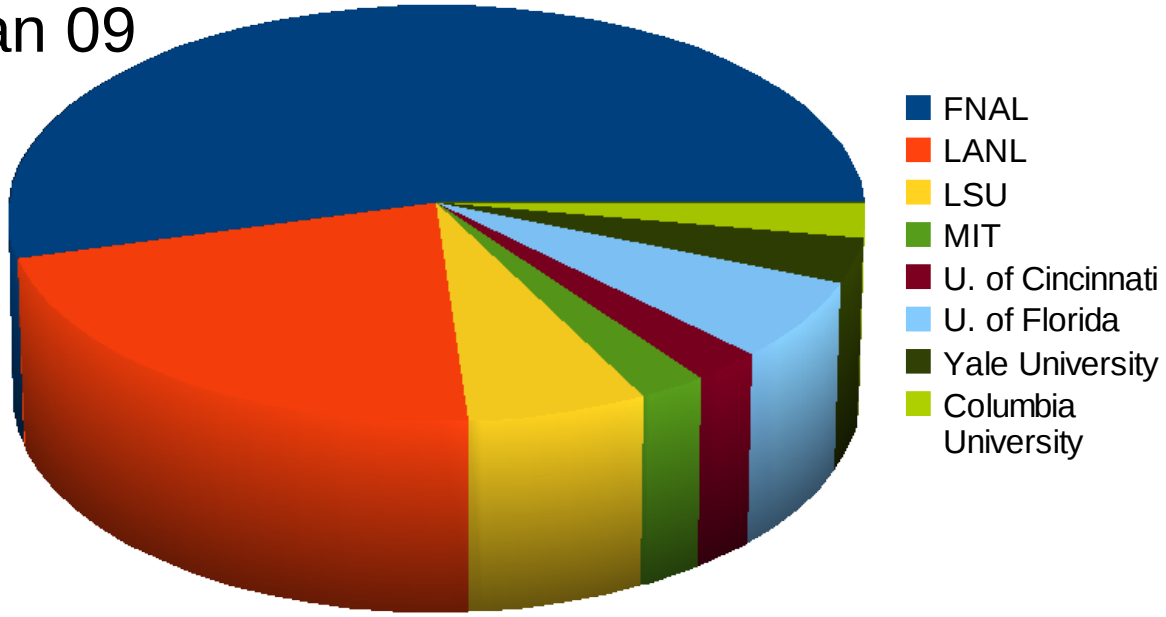
MiniBooNE Shifts

- After SciBooNE run ended number of shifters significantly reduced
- Remote shifting
  - Much easier to fill shifts if you can take them remotely from your institution
  - Cheaper for those who would need to travel to FNAL to take shifts
- Remote control room
  - Same functionality as the Fermilab CR (monitoring beam, detector, DAQ, data quality, computer status, ...)
  - No safety compromises

Remote shifts

- 7 institutions certified for remote shifting
  - Half of the shifts now done in remote control rooms

Oct 08 – Jan 09



- Thanks to AD for support and help